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Notice of Allowability	Application No.	Applicant(s)	
	10/658,223	ZHAO ET AL.	
	Examiner	Art Unit	
	Hien D. Vu	2833	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the communication on 7/19/04.
2. ☒ The allowed claim(s) is/are 1,5-9,13,16 and 17.
3. ☒ The drawings filed on 08 September 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>7/19/04</u> . |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>9/08/04</u> | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

Hien Vu

HIEN VU
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Wei T. Chung on 7/19/04.

The application has been amended as follows:

Claim 1, line 3, -- for receiving an electrical card having a cutout with an angle -- have been inserted after "face"; last line "." has been changed to -- ; -- and new lines have been inserted after the last line as follows:

wherein the locking section extends from a top end of the main section and has an upper face, a locking face opposite and substantially parallel to the upper face, and an end face connecting the upper face with the locking face, the locking face being at an angle of about fifteen degrees relative to the mating face of the insulative housing in the locked position;

wherein the locking section defines a channel in the end face, the channel extending from the upper face to the locking face and dividing a free end of the locking section into two pieces;

wherein the insulative housing comprises a pair of stand-offs formed on outer sides of the pair of support arms, and a pair of ribs formed with each support arm and a corresponding stand-off;

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wherein the insulative housing comprises a pair of retention structures each having a mounting portion engaging with the stand-off of the insulative housing and a pair of leg portions spaced from each other and extending downwardly from the mounting portion beyond the mounting face of the insulative housing; and

wherein the insulative housing comprises a second pair of support arms extending upwardly from a second end thereof, and wherein the card the card edge connector comprises a second latch member pivotable on the second pair of support arms of the insulative housing.

Claims 2-4, 10-12, 14-15 and 18-20 have been canceled.

Claim 13, last line "." has been changed to -- ; -- and new lines have been inserted after the last line as follows:

wherein the latch edge defines a cutout having an engaging face which is at an angle of about fifteen degrees relative to the mating face of the insulative housing;

wherein the locking section is received in the cutout of the electrical card and has a locking face which is also at an angle of about fifteen degrees relative to the insulative housing and abuts against the engaging face of the cutout;

wherein the insulative housing comprises a pair of stand-offs formed on outer sides of the pair of support arms, and a pair of ribs formed with each support arm and a corresponding stand-off;

wherein the insulative housing comprises a pair of retention structures each having a mounting portion engaging with the stand-off of the insulative housing and a

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pair of leg portions spaced from each other and extending downwardly from the mounting portion beyond the mounting face of the insulative housing; and

wherein the insulative housing comprises a second pair of support arms extending upwardly from a second end thereof, and wherein the card the card edge connector comprises a second latch member pivotable on the second pair of support arms of the insulative housing.

Claim 16, line 1, "15" has been changed to – 13 --.

The following is an examiner's statement of reasons for allowance:

Claims 1, 5-9, 13 and 16-17 are allowable over the prior art of record for at least the reason that the prior art fails to teach or suggest a locking section extending from the main section of the latch member at an angle of about fifteen degrees relative to the mating face of the housing and having two end pieces, and wherein a pair of stand-offs form on outer sides of the pair of support arms of the insulative housing, and a pair of ribs formed with each support arm and a corresponding stand-off as set forth in the claimed combinations.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hien D. Vu whose telephone number is 571-272-2016.

The examiner can normally be reached on 9-5.

HV
7/19/04

A handwritten signature in black ink, appearing to read 'Hien Vu', written in a cursive style.

**HIEN VU
PRIMARY EXAMINER**